

10/669,743
~~10/669,743~~

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626RRW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	"Ask CAS" for self-help around the clock
NEWS 3 May 12	EXTEND option available in structure searching
NEWS 4 May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS 6 May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 7 Jun 22	STN Patent Forums to be held July 19-22, 2004
NEWS 8 Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 9 Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 10 Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:31:02 ON 21 JUL 2004

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND

command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:31:20 ON 21 JUL 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUL 2004 HIGHEST RN 713489-00-0
DICTIONARY FILE UPDATES: 20 JUL 2004 HIGHEST RN 713489-00-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

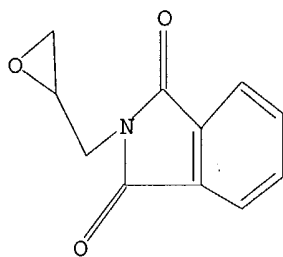
Uploading C:\Program Files\Stnexp\Queries\10699743B.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1 full

FULL SEARCH INITIATED 17:31:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 354 TO ITERATE

100.0% PROCESSED 354 ITERATIONS
SEARCH TIME: 00.00.01

74 ANSWERS

L2 74 SEA SSS FUL L1

=> file capulus

'CAPULUS' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.84

156.05

FILE 'CAPLUS' ENTERED AT 17:32:25 ON 21 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 21 Jul 2004 VOL 141 ISS 4

FILE LAST UPDATED: 20 Jul 2004 (20040720/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L1 full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 17:32:40 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 354 TO ITERATE

100.0% PROCESSED 354 ITERATIONS
SEARCH TIME: 00.00.01

74 ANSWERS

L3 74 SEA SSS FUL L1

L4 256 L3

=> L3 and (process or prepar? or mak?)

L3 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s L3 and (proces? or prepar? or mak? or reaction)

256 L3

3262065 PROCES?

1479740 PREPAR?

554410 MAK?

2712655 REACTION

L5 176 L3 AND (PROCES? OR PREPAR? OR MAK? OR REACTION)

=> s L3 and phthalimide

256 L3

14040 PHTHALIMIDE

L6 114 L3 AND PHTHALIMIDE

=> s L5 ad alkali metal

MISSING OPERATOR L5 AD

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s L5 and alkali and metal

379783 ALKALI

1503070 METAL

L7 6 L5 AND ALKALI AND METAL

=> s L1 amd epihalohydrin

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 17:36:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS
SEARCH TIME: 00.00.01

7 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 132 TO 668
PROJECTED ANSWERS: 7 TO 298

L8 7 SEA SSS SAM L1

L9 12 L8

MISSING OPERATOR L9 AMD

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s L1 and epihalohydrin

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 17:37:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 132 TO 668
PROJECTED ANSWERS: 7 TO 298

L10 7 SEA SSS SAM L1

L11 12 L10

1330 EPIHALOXYDRIN
L12 0 L11 AND EPIHALOXYDRIN

=> d L10

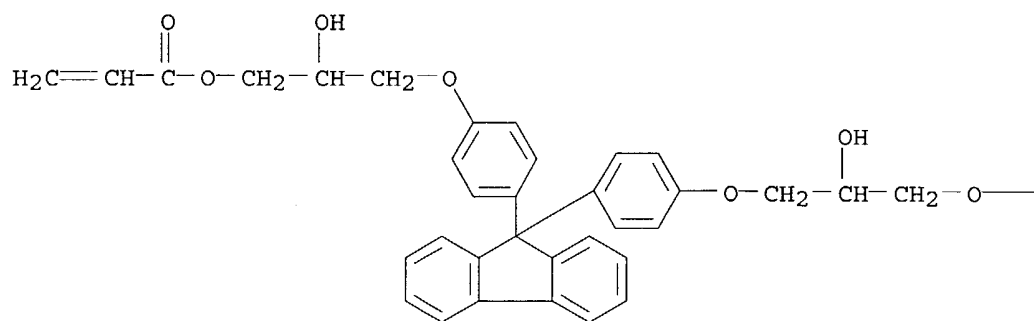
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

L10 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 608489-27-6 REGISTRY
CN 2-Propenoic acid, 2-ethyl-2-[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with [5,5'-biisobenzofuran]-1,1',3,3'-tetrone, 9H-fluoren-9-ylidenebis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] di-2-propenoate, 2-(oxiranylmethyl)-1H-isindole-1,3(2H)-dione and 3a,4,7,7a-tetrahydro-1,3-isobenzofurandione (9CI) (CA INDEX NAME)
MF (C37 H34 O8 . C16 H6 O6 . C15 H20 O6 . C11 H9 N O3 . C8 H8 O3)x
CI PMS
PCT Polyacrylic, Polyester, Polyester formed, Polyether, Polyether formed
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation); USES (Uses)

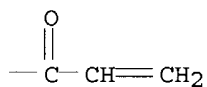
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CRN 143182-97-2
CMF C37 H34 O8

PAGE 1-A

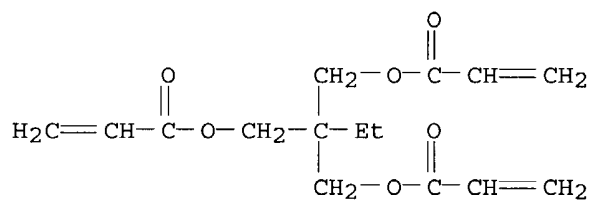


PAGE 1-B



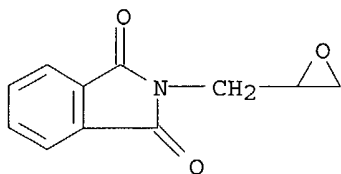
CM 2

CRN 15625-89-5
CMF C15 H20 O6

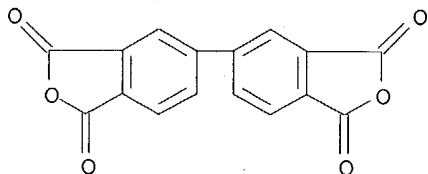


CM 3

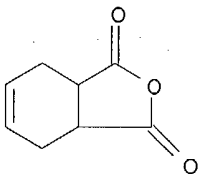
CRN 5455-98-1
CMF C11 H9 N O3



CM 4

CRN 2420-87-3
CMF C16 H6 O6

CM 5

CRN 85-43-8
CMF C8 H8 O31 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d L10 1-7

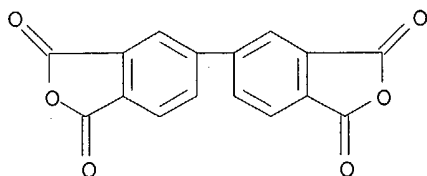
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

L10 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 608489-27-6 REGISTRY
 CN 2-Propenoic acid, 2-ethyl-2-[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with [5,5'-biisobenzofuran]-1,1',3,3'-tetrone, 9H-fluoren-9-ylidenebis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] di-2-propenoate, 2-(oxiranylmethyl)-1H-isindole-1,3(2H)-dione and 3a,4,7,7a-tetrahydro-1,3-isobenzofurandione (9CI) (CA INDEX NAME)
 MF (C37 H34 O8 . C16 H6 O6 . C15 H20 O6 . C11 H9 N O3 . C8 H8 O3)x
 CI PMS
 PCT Polyacrylic, Polyester, Polyester formed, Polyether, Polyether formed
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: PREP (Preparation); USES (Uses)

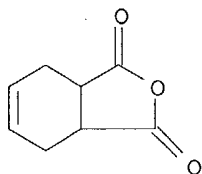
CM 1

CRN 143182-97-2
CMF C37 H34 O8

CM 4

CRN 2420-87-3
CMF C16 H6 O6

CM 5

CRN 85-43-8
CMF C8 H8 O31 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN

RN 136465-80-0 REGISTRY

CN 1H-Isoindole-1,3(2H)-dione, 2-[(1S)-1-(2S)-oxiranyl-2-phenylethyl]- (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Isoindole-1,3(2H)-dione, 2-(1-oxiranyl-2-phenylethyl)-, [S-(R*,R*)]-

FS STEREOSEARCH

MF C18 H15 N O3

SR CA

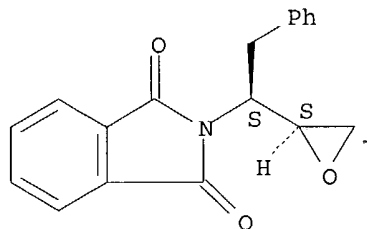
LC STN Files: CA, CAPLUS, CASREACT, PS, USPATFULL

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation);
RACT (Reactant or reagent)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

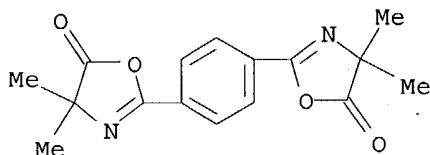
6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 124662-43-7 REGISTRY
CN 1H-Isoindole-1,3(2H)-dione, 2-(oxiranylmethyl)-, polymer with
 α -hydro- ω -hydroxypoly(oxy-1,4-butanediyl) and
2,2'-(1,4-phenylene)bis[4,4-dimethyl-5(4H)-oxazolone] (9CI) (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN 5(4H)-Oxazolone, 2,2'-(1,4-phenylene)bis[4,4-dimethyl-, polymer with
 α -hydro- ω -hydroxypoly(oxy-1,4-butanediyl) and
2-(oxiranylmethyl)-1H-isoindole-1,3(2H)-dione (9CI)
CN Poly(oxy-1,4-butanediyl), α -hydro- ω -hydroxy-, polymer with
2-(oxiranylmethyl)-1H-isoindole-1,3(2H)-dione and 2,2'-(1,4-
phenylene)bis[4,4-dimethyl-5(4H)-oxazolone] (9CI)
MF (C16 H16 N2 O4 . C11 H9 N O3 . (C4 H8 O)n H2 O)x
CI PMS
PCT Polyether, Polyether formed, Polyether
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation); PROC (Process)

CM 1

CRN 31578-05-9

CMF C16 H16 N2 O4

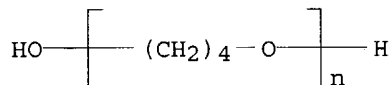


CM 2

CRN 25190-06-1

CMF (C4 H8 O)n H2 O

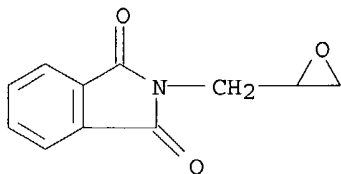
CCI PMS



CM 3

CRN 5455-98-1

CMF C11 H9 N O3



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN

RN 123256-11-1 REGISTRY

CN 5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-, polymer with 2-(oxiranylmethyl)-1H-isoindole-1,3(2H)-dione and 1,1'-oxybis[4-isocyanatobenzene] (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Isoindole-1,3(2H)-dione, 2-(oxiranylmethyl)-, polymer with 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid and 1,1'-oxybis[4-isocyanatobenzene] (9CI)

CN Benzene, 1,1'-oxybis[4-isocyanato-, polymer with 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid and 2-(oxiranylmethyl)-1H-isoindole-1,3(2H)-dione (9CI)

MF (C14 H8 N2 O3 . C11 H9 N O3 . C9 H4 O5)x

CI PMS

PCT Polyamic acid, Polyamic acid formed, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether, Polyether formed, Polyimide, Polyimide formed

SR CA

LC STN Files: CA, CAPLUS

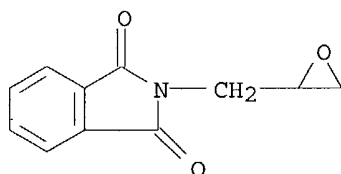
DT.CA Caplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

CM 1

CRN 5455-98-1

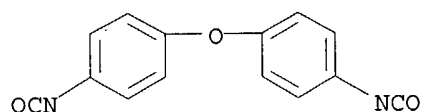
CMF C11 H9 N O3



CM 2

CRN 4128-73-8

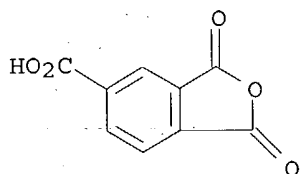
CMF C14 H8 N2 O3



CM 3

CRN 552-30-7

CMF C9 H4 O5



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN

RN 121672-09-1 REGISTRY

CN [4,5'-Bi-1H-isindole]-1,1',3,3' (2H,2'H)-tetrone, 2,2'-bis(oxiranylmethyl)-
, homopolymer (9CI) (CA INDEX NAME)

MF (C22 H16 N2 O6)x

CI PMS

PCT Epoxy resin, Polyimide

SR CA

LC STN Files: CA, CAPLUS

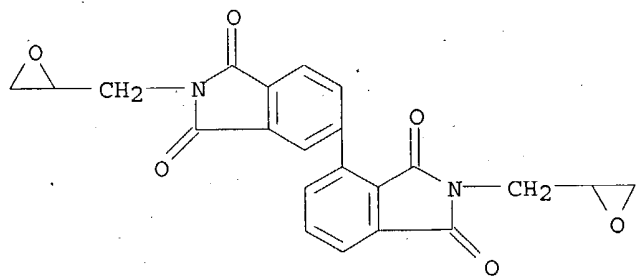
DT.CA Caplus document type: Patent

RL.P Roles from patents: USES (Uses)

CM 1

CRN 80292-11-1

CMF C22 H16 N2 O6



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN

RN 109798-00-7 REGISTRY

CN 1H-Isoindole-5-carboxylic acid, 2,3-dihydro-2-(oxiranylmethyl)-1,3-dioxo-,
1,6-hexanediyl ester, polymer with 4,4'-methylenebis[benzenamine] (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenamine, 4,4'-methylenebis-, polymer with 1,6-hexanediyl
bis[2,3-dihydro-2-(oxiranylmethyl)-1,3-dioxo-1H-isoindole-5-carboxylate]
(9CI)

MF (C30 H28 N2 O10 . C13 H14 N2)x

CI PMS

PCT Epoxy resin, Polyester, Polyimide, Polyether

SR CA

LC STN Files: CA, CAPLUS

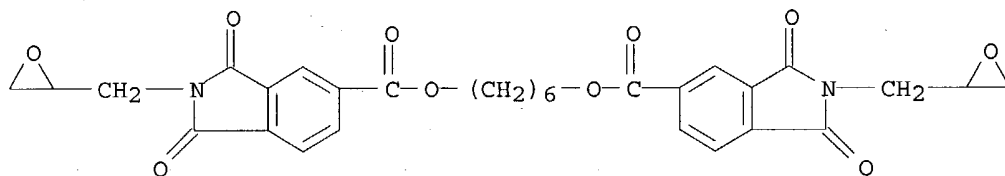
DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); PROC (Process)

CM 1

CRN 107830-06-8

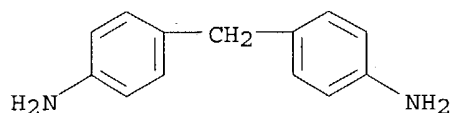
CMF C30 H28 N2 O10



CM 2

CRN 101-77-9

CMF C13 H14 N2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN

RN 107817-14-1 REGISTRY

CN 1H-Isoindole-5-carboxylic acid, 2,3-dihydro-2-(oxiranylmethyl)-1,3-dioxo-,
1,2-ethanediyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C26 H20 N2 O10

CI COM

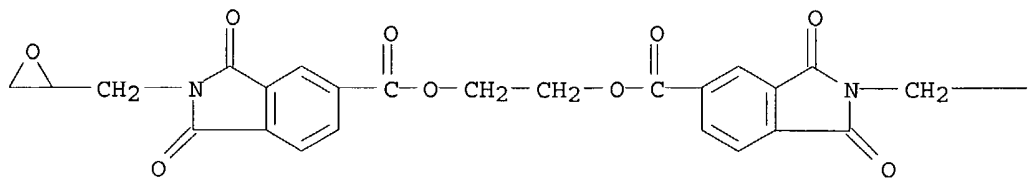
SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)